

# ABSTRACT

In a golf ball having a multiplicity of generally  
5 circular dimples on its outer surface, the number of those  
dimples having a neighbor relationship that satisfies  $|\alpha - \beta| \geq$   
15° wherein  $\beta$  is an angle included between two line segments  
extending from the center of a reference dimple tangent to  
the rim of an adjacent dimple and  $\alpha$  is an angle included  
10 between two line segments extending from the center of the  
adjacent dimple tangent to the rim of the reference dimple is  
at least 60% of the total number of dimples. This enhances  
the dimple effects, so the ball exhibits improved aerodynamic  
performance and offers a consistent carry and direction  
15 independent of the point of impact.